All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:46:46 ON 11 JAN 2008

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:47:04 ON 11 JAN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7
DICTIONARY FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

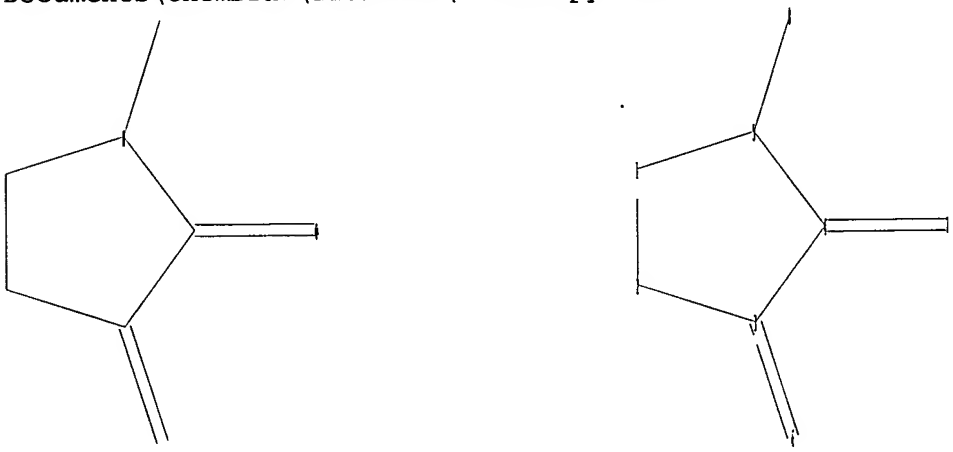
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\11694303\1me3enepyrrdone.str



ring nodes :
1 2 3 4 5
ring/chain nodes :
6 7 8

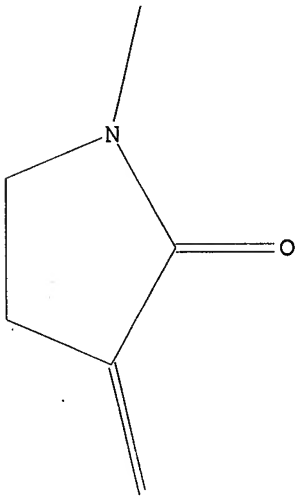
```
ring/chain bonds :
3-6  4-7  5-8
ring bonds :
1-2  1-5  2-3  3-4  4-5
exact/norm bonds :
3-6
exact bonds :
1-2  1-5  2-3  3-4  4-5  4-7  5-8


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:CLASS  7:CLASS  8:CLASS



L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                STR
```




```
Structure attributes must be viewed using STN Express query preparation.


=> s l1 exa sam
SAMPLE SEARCH INITIATED 13:47:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        1 TO ITERATE

100.0% PROCESSED         1 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            1 TO       80
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA EXA SAM L1

=> s l1 exa full
FULL SEARCH INITIATED 13:47:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       13 TO ITERATE

100.0% PROCESSED        13 ITERATIONS                               2 ANSWERS
SEARCH TIME: 00.00.01
```

L3 2 SEA EXA FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 60.77 60.98

FILE 'CAPLUS' ENTERED AT 13:48:03 ON 11 JAN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 11 Jan 2008 VOL 148 ISS 3
FILE LAST UPDATED: 10 Jan 2008 (20080110/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l3
L4 8 L3

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 8 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:594167 CAPLUS
DOCUMENT NUMBER: 147:189057
TITLE: Novel spiroheterocycles by aziridination of α-methylene-γ- and -δ-lactams
AUTHOR(S): Loreto, M. Antonietta; Migliorini, Antonella; Tardella, P. Antonio; Gambacorta, Augusto
CORPORATE SOURCE: Dipartimento di Chimica, Universita "La Sapienza", Rome, 00185, Italy
SOURCE: European Journal of Organic Chemistry (2007), (14), 2365-2371
CODEN: EJOCFK; ISSN: 1434-193X
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 147:189057
AB New potentially bioactive α-spiroaziridino-γ- and -δ-lactams have been prepared by treatment of α-methylene-γ- and -δ-lactams with Et N-{[(4-nitrophenyl)sulfonyl]oxy}carbamate (NsONHCO2Et) in the presence of CaO. These compds., through reductive aziridine ring opening, can be intermediates for the synthesis of α- and β-aminolactams, which are useful as conformational constraints in peptides. The above procedure has been successfully extended to one α-methyleneoxindole to obtain a new spirooxindole derivative, a potential precursor of natural alkaloids.
IT 50586-05-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT